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**From:** Aram Varjabedian <avarjabedian@woodardcurran.com>  
**Sent:** Sunday, March 18, 2018 9:59 AM  
**To:** tberardinelli@town.hull.ma.us; Bill Boornazian; david.burns (david.burns@state.ma.us); Jim Dow; Frank Cavaleri; jstruzziery@town.hull.ma.us; jsullivan (jsullivan@town.hull.ma.us); Kate Roosa; kbornheim (kbornheim@town.hull.ma.us); Krahforst, Chris (ckrahforst@town.hull.ma.us); Lemnios, Philip (plemnios@town.hull.ma.us); coconnor@town.hull.ma.us; Robert Scott; Turin, David; Joyce, Ryan (FWE) (ryan.joyce@state.ma.us)  
**Subject:** RE: Sanitary System Overflow Notification - Hull, MA - MA0101231  
**Attachments:** Liftstat. A; scan\_SSO\_finalreport\_LS\_A\_031318.pdf; GIS\_map\_LS\_A.pdf

Good morning:

Please find the completed SSO Notification report for the recent spill at Lift Station A. I have also attached the three photos that are included in the report as a separate file.

Presently, the rental generator remains on location at the lift station, and the facility's portable generator was serviced late last week, and scheduled to be checked/run at this station early this coming week. The larger back-up portable trash pumps have also been serviced and scheduled to also be test run early this week, and if they operate satisfactorily, a return to LS A is planned to test one with the bypass set up.

Should you need any additional information, please let me know.

Sincerely,

Aram

Aram Varjabedian  
Plant Manager  
Hull Wastewater Treatment Facility  
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COMMITMENT & INTEGRITY DRIVE RESULTS

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**From:** Aram Varjabedian  
**Sent:** Wednesday, March 14, 2018 4:29 PM  
**To:** Aram Varjabedian <avarjabedian@woodardcurran.com>; Berardinelli, Terri <tberardinelli@town.hull.ma.us>; Bill Boornazian <wboornazian@woodardcurran.com>; david.burns (david.burns@state.ma.us) <david.burns@state.ma.us>; Dow, James (jdow@town.hull.ma.us) <jdow@town.hull.ma.us>; Frank Cavaleri <fcavaleri@woodardcurran.com>; jstruzziery (jstruzziery@town.hull.ma.us) <jstruzziery@town.hull.ma.us>; jsullivan (jsullivan@town.hull.ma.us) <jsullivan@town.hull.ma.us>; Kate Roosa (kroosa@woodardcurran.com) <kroosa@woodardcurran.com>; kbornheim (kbornheim@town.hull.ma.us) <kbornheim@town.hull.ma.us>; Krahforst, Chris (ckrahforst@town.hull.ma.us) <ckrahforst@town.hull.ma.us>; Lemnios, Philip (plemnios@town.hull.ma.us) <plemnios@town.hull.ma.us>; O'Connor, Carol <coconnor@town.hull.ma.us>; Robert Scott (rscott@woodardcurran.com) <rscott@woodardcurran.com>; Turin, David (Turin.David@epa.gov) <Turin.David@epa.gov>; Joyce, Ryan (FWE) (ryan.joyce@state.ma.us) <ryan.joyce@state.ma.us>  
**Subject:** Sanitary System Overflow Notification - Hull, MA - MA0101231

Good afternoon:

I am emailing to inform you all that we experienced a small sewage spill yesterday at Pump Station "A" [PS A] which is located at the base of Valley Beach Rd. The spill resulted from a ruptured discharge hose on a diesel trash pump that we were operating out at the station, since the back-up portable generator for emergency power failed to operate. The discharge hose from the portable pump was hooked up to the force main bypass connection. This incident occurred at 5:15pm.

Two staff members were attending the pump and able to stop the overflow quickly, by closing the force main isolation valve, and shutting the pump off.

The conditions that led to this were as follows:

- The portable generator for PS A, which is used for back-up power supply has been problematic in recent weeks. The generator service company has had multiple site visits to address issues over past 1-2 weeks. Wiring and corrosion issues have been identified and all new protection sensors were already on order.
- The Town experienced a town-wide power loss due the winter snowstorm on 3/13/18.
- The portable generator was already set up at this pump station, and the unit had been operated and tested on the previous day with good performance and experienced no issues.
- The generator would not stay running when put into service on 3/13. Multiple attempts to start did not work. Outside weather conditions caused for entire unit to be covered with snow & moisture.
- Attempts to dry wires and restart did not work.
- Two different portable pumps were brought out to the pump station in an attempt to pump from the wet well into the force main. The larger pump would not stay running, and the smaller pump could not overcome the discharge head.
- There was no overflow from the wet well. This was closely monitored. Several calls were made to pumping companies, but no one was able to respond due to the weather conditions.
- With the larger pump in use, one of the discharge hoses developed a crack and split away from the quick connect fitting, causing the release of sewage onto the ground.
- The estimate was "less than 100 gallons". Total gallons spilled is hard to determine due to the snow/sleet, spray.

A full SSO report will be completed and submitted.

Should you need additional information or have any questions, please don't hesitate to contact me.

Sincerely,

Aram

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